



# SEQUENCE LISTING

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NAKATSUKA, Masashi

<120> SUBSTITUTED TYPE PEPTIDES OF WT1

<130> 0020-5357PUS1

<140> US 10/528,360

<141> 2005-03-18

<150> PCT/JP2003/011974

<151> 2003-09-19

<160> 26

<170> PatentIn Ver. 2.1

<210> 1

<211> 449

<212> PRT

<213> Homo sapiens

<400> 1

Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro  
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Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala  
20 25 30

Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr  
35 40 45

Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro Pro  
50 55 60

Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly  
65 70 75 80

Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe  
85 90 95

Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe  
100 105 110

Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe  
115 120 125

Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile  
130 135 140

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Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr  
 145 150 155 160  
 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe  
 165 170 175  
 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln  
 180 185 190  
 Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser  
 195 200 205  
 Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp  
 210 215 220  
 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln  
 225 230 235 240  
 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser  
 245 250 255  
 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu  
 260 265 270  
 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile  
 275 280 285  
 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro  
 290 295 300  
 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys  
 305 310 315 320  
 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys  
 325 330 335  
 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro  
 340 345 350  
 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp  
 355 360 365  
 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln  
 370 375 380  
 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr  
 385 390 395 400  
 His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys  
 405 410 415  
 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val  
 420 425 430  
 Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala  
 435 440 445

Leu

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Peptide

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Peptide

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Cys Tyr Thr Trp Asn Gln Met Asn Leu  
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Peptide

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<222> (1)..(1)  
<223> Xaa is Ser, Ala, Abu, Arg, Lys, Orn, Cit, Leu, Phe or Asn

<220>  
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<222> (2)..(2)  
<223> Xaa is Tyr or Met

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Xaa Xaa Thr Trp Asn Gln Met Asn Leu  
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<210> 5

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Ser Tyr Thr Trp Asn Gln Met Asn Leu  
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<210> 6

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Peptide

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Ala Tyr Thr Trp Asn Gln Met Asn Leu  
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<210> 7

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<222> (1)..(1)

<223> Xaa is Abu

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Xaa Tyr Thr Trp Asn Gln Met Asn Leu  
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<210> 8

<211> 9

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Peptide

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Arg Tyr Thr Trp Asn Gln Met Asn Leu

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<211> 9

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<222> (1)..(1)

<223> Xaa is Orn

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<211> 9

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<222> (1)..(1)

<223> Xaa is Cit

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<210> 13  
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Peptide

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<210> 14  
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<210> 16  
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Peptide

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Ala Met Thr Trp Asn Gln Met Asn Leu  
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<210> 17

<211> 9

<212> PRT

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<222> (1)..(1)

<223> Xaa is Abu

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Xaa Met Thr Trp Asn Gln Met Asn Leu  
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<210> 18

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
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<210> 19

<211> 9

<212> PRT

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Lys Met Thr Trp Asn Gln Met Asn Leu  
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<400> 20  
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<210> 21  
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<400> 21  
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<400> 22  
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<210> 23  
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Ala Ser His Leu Glu  
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<211> 16  
<212> PRT  
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